

09/26/97

A

30495.00.017  
U.S. PTO

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(to be used for new applications only)*

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 is a new utility patent application for an invention entitled:

**EXCAVATING TOOTH ASSEMBLY**

and invented by:

**Brian L. Launder; Charles Clendenning**

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 49 pages and including the following:
  - ☒ Abstract of the Disclosure
  - ☒ Title of the Invention
  - ☐ Cross References to Related Applications *(if applicable)*
  - ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - ☐ Reference to Microfiche Appendix *(if applicable)*
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings *(if drawings filed)*
  - ☒ Detailed Description
  - ☒ Claim(s) as Classified Below
3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
  - ☐ Formal      ☒ Informal
  - Number of Sheets 10
4. ☒ Declaration
  - ☒ Executed      ☐ Unexecuted      ☒ With Power of Attorney      ☐ Without Power of Attorney

09/26/97 09:26:57

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(to be used for new applications only)*

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**Application Elements (Continued)**

5. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
- ☐ Paper Copy
- ☐ Computer Readable Copy
- ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

6. ☐ Assignment Papers
7. ☐ Computer Program in Microfiche
8. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
9. ☐ Petition
10. ☐ Preliminary Amendment
11. ☐ Proprietary Information
12. ☒ Acknowledgment postcard
13. ☒ Small Entity Statement(s) - Specify Number of Statements Submitted: 2
14. ☒ Certificate of Mailing
- ☐ First Class    ☒ Express Mail (Specify Label No.): EM143914082US
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ English Translation Document *(if applicable)*

**NEW UTILITY PATENT APPLICATION TRANSMITTAL  
(Small Entity)**

(to be used for new applications only)

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**Accompanying Application Parts (Continued)**

17. ☐ Additional Enclosures (please identify below):

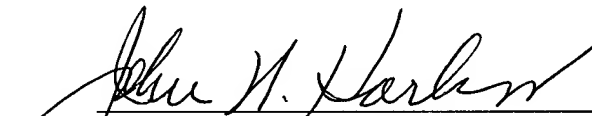
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	63	- 20 =	43	x \$11.00	\$473.00
Indep. Claims	13	- 3 =	10	x \$40.00	\$400.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
OTHER FEE (specify purpose)					\$0.00
TOTAL FILING FEE					\$1,258.00

- ☒ A check in the amount of \$1,258.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-2284 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: September 26, 1997

  
Signature  
John W. Harbst, Reg. No. 28,018  
RUDNICK & WOLFE  
203 North LaSalle Street  
Chicago, IL 60601-1293

CC:

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(to be used for new applications only)*

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**  
**Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53 is a new utility patent application for an invention entitled:

**EXCAVATING TOOTH ASSEMBLY**

and invented by:

**Brian L. Launder; Charles Clendenning**

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 49 pages and including the following:
  - ☒ Abstract of the Disclosure
  - ☒ Title of the Invention
  - ☐ Cross References to Related Applications *(if applicable)*
  - ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
  - ☐ Reference to Microfiche Appendix *(if applicable)*
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings *(if drawings filed)*
  - ☒ Detailed Description
  - ☒ Claim(s) as Classified Below
3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
  - ☐ Formal ☒ Informal
  - Number of Sheets 10
4. ☒ Declaration
  - ☒ Executed ☐ Unexecuted ☒ With Power of Attorney ☐ Without Power of Attorney

00938900-002697

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(to be used for new applications only)*

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**Application Elements (Continued)**

5. ☐ Genetic Sequence Submission *(if applicable, all must be included)*
- ☐ Paper Copy
- ☐ Computer Readable Copy
- ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

6. ☐ Assignment Papers
7. ☐ Computer Program in Microfiche
8. ☐ Information Disclosure Statement/PTO-1449      ☐ Copies of IDS Citations
9. ☐ Petition
10. ☐ Preliminary Amendment
11. ☐ Proprietary Information
12. ☒ Acknowledgment postcard
13. ☒ Small Entity Statement(s) - Specify Number of Statements Submitted: 2
14. ☒ Certificate of Mailing
- ☐ First Class    ☒ Express Mail (Specify Label No.): EM143914082US
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ English Translation Document *(if applicable)*

**NEW UTILITY PATENT APPLICATION TRANSMITTAL**  
**(Small Entity)**

*(to be used for new applications only)*

Docket No.  
30495.00.017

Total Pages in this Submission  
69

**Accompanying Application Parts (Continued)**

17. ☐ Additional Enclosures (please identify below):

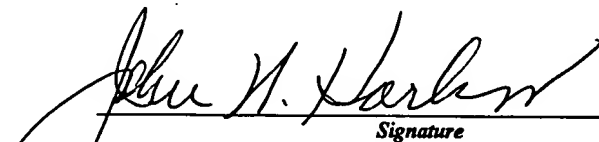
**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	63	- 20 =	43	x \$11.00	\$473.00
Indep. Claims	13	- 3 =	10	x \$40.00	\$400.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
BASIC FEE					\$385.00
OTHER FEE (specify purpose) _____					\$0.00
TOTAL FILING FEE					\$1,258.00

- ☒ A check in the amount of \$1,258.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 18-2284 as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of \_\_\_\_\_ as filing fee.
- ☐ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: September 26, 1997

  
Signature

John W. Harbst, Reg. No. 28,018  
RUDNICK & WOLFE  
203 North LaSalle Street  
Chicago, IL 60601-1293

CC: